

Converting Colors

HunterLab(70.0419, 12.7296,
43.3823)

Have a look what the booklet for
HunterLab(70.0419, 12.7296,
43.3823) contains.

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Color

**HunterLab(69.9285, 12.7108,
43.3121)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AB00
RGB	247, 171, 0
RGB Percent	97%, 67%, 0%
CMY	0.0314, 0.3294, 0.9999
CMYK	0.00, 0.31, 1.00, 0.03
HSL	42°, 100%, 48%
HSV	42°, 100%, 97%
XYZ	52.9207, 48.9000, 6.6495
YIQ	174.2300, 100.1870, -37.0690

Conversions

Conversions Part 2

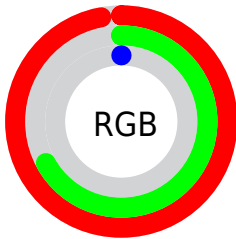
Format	Color
R _Y B	110, 247, 0
Decimal	16231168
CIE Lab	75.39, 17.42, 78.81
CIE LCh	75, 80.708, 77.538
Yxy	48.9024, 0.4879, 0.4508
Android (android.graphics.Color)	4294421248 (0xFFF7AB00)
YUV	174.2300, -85.8954, 63.8193
Hunter-Lab	69.9285, 12.7108, 43.3121

Details

The HunterLab color **69.9285, 12.7108, 43.3121** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **34.4759, 39.9757, -129.3859**, and the grayscale version is **65.4727, -3.4935, 3.5573**.

A 20% lighter version of the original color is **87.3109, -9.9212, 48.4731**, and **48.4850, 13.0968, 30.1055** is the 20% darker color. If you saturate the color by 10%, you get **69.9287, 12.7098, 43.3122**, and if you desaturate by 10%, it is **72.0595, 9.0754, 43.8179**.

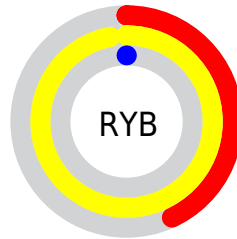
Distribution



Red (97%)

Green (67%)

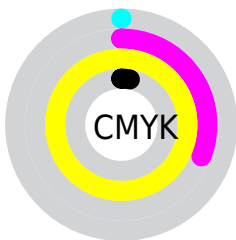
Blue (0%)



Red (43%)

Yellow (97%)

Blue (0%)

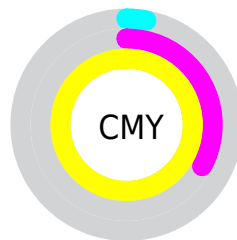


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.9285, 12.7108, 43.3121 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 69.9285, 12.7108, 43.3121 by changing the saturation by 10% instead.

69.9285, 12.7108,
43.3121

69.9285, 12.7108,
43.3121

195.5398, 12.2229,
84.0446

58.7725, 12.4605,
37.9435

94.0992, 12.9847,
53.4146

48.2808, 12.1313,
32.3454

107.0510, 13.0285,
58.1874

38.5004, 11.7084,
26.9503

120.5478, 13.0157,
62.8016

29.4875, 11.1773,
20.6413

134.5686, 12.9502,
67.2749

21.3140, 10.5190,
14.9198

149.0944, 12.8354,
71.6230

14.0771, 9.7086,
9.8540

164.1082, 12.6742,

7.7251, 9.6227,

75.8596

5.4076

179.5947, 12.4693,
79.9967

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.9285, 12.7108,
43.3121

■ 69.9285, 12.7108,
43.3121

■ 69.9287, 12.7098,
43.3122

■ 72.0595, 9.0754,
43.8179

■ 74.2995, 5.7692,
43.5281

■ 76.6599, 2.8665,
42.2608

■ 79.1418, 0.3975,
39.9644

■ 81.7440, -1.6238,

36.6266

■ 84.4640, -3.1942,
32.2601

■ 87.2982, -4.3189,
26.8944

■ 90.2426, -5.0086,
20.5697

■ 93.2928, -5.2783,
13.3326

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.9303, 52.6186, 38.0805



69.9285, 12.7108, 43.3121



69.9303, -24.3810, 42.9060

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9303, 12.7070, 43.3127



69.9303, -60.5692, -20.4899



69.9303, 58.6033, -61.0854

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.9285, 12.7108, 43.3121



34.4759, 39.9757, -129.3859

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.9303, 19.6243, -99.9030



69.9285, 12.7108, 43.3121



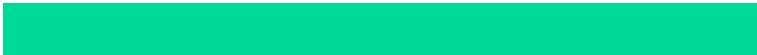
69.9303, -46.4701, -69.1429

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9303, 12.7070, 43.3127



69.9303, -61.6452, 17.1822



69.9303, -18.7857, -103.4536



69.9303, 82.6649, -12.8783

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9285, 12.7108, 43.3121



69.9303, -42.8507, 39.4968



69.9303, -18.7857, -103.4536



69.9303, 46.4735, -76.5658

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.9303, 12.7070, 43.3127



90.5016, -4.4727, 27.9220



45.0863, 78.4366, 19.6200



41.2895, -1.8667, 14.0613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9303, 12.7070, 43.3127



72.4727, 13.2469, 44.8893



88.9036, -40.0491, 54.0805



42.8985, -2.4243, 5.9397



51.1130, 8.7544, 31.6488



15.7410, 1.5090, 9.7259

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.4759, 39.9757, -129.3859



35.6852, 41.6299, -134.4704



26.9823, 71.0913, -175.4864



40.9369, -1.8867, -1.6636



25.5052, 27.8410, -91.9800



8.6385, 5.4924, -22.6539

Previews

White Background



This preview shows how the HunterLab color 69.9285, 12.7108, 43.3121 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 69.9285, 12.7108, 43.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 69.9285, 12.7108, 43.3121 Background



This preview shows how black text looks on a background with the HunterLab color 69.9285, 12.7108, 43.3121.



This preview shows how white text looks on a background with the HunterLab color 69.9285, 12.7108,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.9285, 12.7108, 43.3121

Protanopia

70.1995, -9.8436, 42.6702

Deuteranopia

69.7946, 5.1882, 43.0979



Tritanopia

69.8623, 32.6315, 10.9225

Trichromacy



Original Color

69.9285, 12.7108, 43.3121

Protanomaly

69.8267, -2.0234, 42.7476

Deuteranomaly

69.7301, 7.8414, 43.1046

Tritanomaly

69.1431, 22.6428, 30.5958

Monochromacy



Original Color

69.9285, 12.7108, 43.3121

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

65.9184, -1.8959, 27.0587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.9285, 12.7108, 43.3121 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 69.9285, 12.7108, 43.3121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 171, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 171, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.9285, 12.7108, 43.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
171, 0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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